

SAMSUNG ELECTRONICS LED Lamp

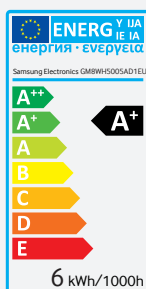
GM8WH5005AD1EU

Performer Range
MR16 / 5.3W / GU5.3 / 40° / 2700K

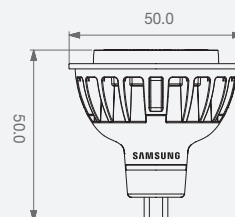


Product

Model name	GM8WH5005AD1EU
Maker	Samsung Electronics
Bar Code	8806086268073
Voltage	AC/DC 12V
Equivalent to	35W
Power Consumption	5.3W
Lamp Socket holder	GU5.3



Dimensional drawing (unit : mm)



Customer Benefits

- 35W equivalent light levels and distribution by using standard (ANSI) base/socket and form factors
- 84% energy saving compared to traditional lamps / • Emits no UV
- More than 25,000 hours average operating life (12.5 times longer than halogen lamps)
- Compatible with an extensive range of transformers, dimmers
(*please see recommended transformer list, dimmer list)
- Depending on transformers (control gear), energy consumption can be changed

Application

Hotels, Restaurants, Shops, Museums, Exhibitions, Bars, Cafés
(Suitable for accent lighting)

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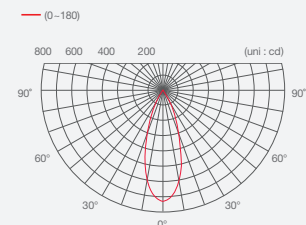
GM8WH5005AD1EU

Specifications

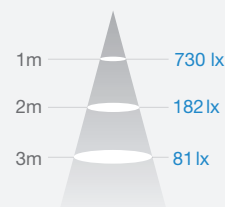
Model name	GM8WH5005AD1EU
Nominal useful luminous flux (lm)	350
Rated useful luminous flux (lm)	350
Nominal luminous flux (lm)	350
Lamp efficacy (lm/W)	66
Luminous intensity (cd)	730
Frequency (Hz)	50/60
Input current (mA)	485
Nominal power consumption (W)	5.3
Rated power consumption (W)	5.3
Lumen Maintenance Factor	L70
Warm-up time (60%)	Instant full light
Starting time (s)	0.2
On/Off cycles	50,000
Nominal beam angle (°)	40
Rated beam angle (°)	40
Operating temperature (°C)	-20~+40
Nominal lamp life time (hrs)	25,000
Rated lamp life time (hrs)	25,000
Color description	Warm White
Color temperature (K)	2700
CRI (Ra)	80
Color consistency (ANSI)	≤ MacAdam 6-step
Dimmable	Yes
Weight (g)	55
Energy efficiency index	A+
Energy consumption (kWh/1000h)	6
Certification	CE, CB

※ Specifications are subject to change without notice

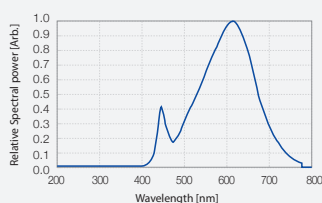
Lighting Data



Light Distribution



Illuminance (lx)



Spectral Power Distribution

Packaging Details

- Single Box (1pc) : 52mm×52mm×64mm / 65g
- Middle Box (10pc/box) : 275mm×111mm×70mm / 750g
- Outer Carton (40pc/box) : 239mm×286mm×164mm / 3,500g

Dimmer / Transformer Compatibility

					Transformer								
					No.	1	2	3	4	5	6	7	8
					Manufacturer	OSRAM	OSRAM	PHILIPS	OSRAM	OSRAM	TCI	CONARD	POSSUM
					Models	ET-Z 60	HTM70	ET-E 50	ET-REDBACK	ET-PARROT 105	MW70LED	574223	TRIDONIC
					Power	20-60W	20-70W	20-60W	20-60W	35-105W	1-50W	10-60W	60VA
					Region	EU	EU	EU	EU	EU	EU	EU	EU
Dimmer	No.	Manufacturer	Models	Power	Region	Good	Good	Good	Good	Good	Good	Good	NC
	1	PRODX	PEK-6	60-600W	EU	Good	Good	Good	Good	Good	Good	Good	Good
	2	BERKER	2873	20-500W	EU	Good	Good	Good	Good	Good	Good	Good	Good
	3	PEHA	434	60-400W	EU	Working	Working	NC	Good	Working	Good	NC	Working
	4	JUNG	266GDE	60-600W	EU	Good	Working	Working	Good	Good	Good	Good	Working
	5	JUNG	225NVDE	20-500W	EU	Good	Good	Good	Good	Good	Good	Good	Good
	6	Schneider electric	WDE002349	40-400W	EU	Good	Working	Working	Good	Working	NC	Good	Working
	7	BUSCH-JAEGER	2247U	500W	EU	Good	Good	Good	Good	Working	Good	Good	Good
	8	BUSCH-JAEGER	6513U-102	40-420W	EU	Working	Working	Good	Good	Good	Working	Working	Working
	9	GIRA	0307/00	60-400W	EU	Good	Good	Good	Good	Good	Good	Good	Good
	10	ELKO	315GLE	20-315W	EU	Good	Good	NC	Good	Good	NC	Good	Good
	11	ELKO	400GLI	40-400VA	EU	Good	Good	Working	Good	Good	NC	Good	Working
	12	Schneider electric	SBD315RC	20-315VA	EU	NC	Good	NC	Good	Good	NC	Good	Good
	13	Schneider electric	SBD630RC	20-630W	EU	NC	Good	Good	Good	Good	NC	Good	Good

Note 1. Dimming Performance : Good(Dimming Coverage without flicker : 75% ↑), Working(41~74%), Poor(40% ↓), N/C(Not Compatible)
 2. This result can only be used as reference. The result may vary according to actual field conditions.